Index of Claims

| Application No. | Applicant(s)     |  |
|-----------------|------------------|--|
| 10/785,642      | LILLENESS ET AL. |  |
| Examiner        | Art Unit         |  |
| Hung Q Dang     | 2635             |  |

| <b>√</b> | Rejected |
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|          | Allowed  |

| _ | (Through numeral)<br>Cancelled |
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| ÷ | Restricted                     |

| N | Non-Elected  |  |
|---|--------------|--|
| _ | Interference |  |

| A | Appeal   |
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| 0 | Objected |

| E       | Claim 5 | Date   | [      | Claim        | Date  | i       | Cla         | aim |             |                     | D        | ate          |   |          |          |
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| 51  |         |  | `      | _   _        |   |         | _           | a   |             |                     |          |              |   |          |          |
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| 1   |         |  |        | ۾ ا <u>۾</u> |   |         | ╙           | ő   |             |                     |          |              | ı   |          |          |
| S2  |         | <del> - - - - </del>                             | Ť      |              |   |         |             |     |             | $\vdash$            | $\dashv$ |              | -   | $\dashv$ | +        |
| 3   |         |  | 1      |              | <del>                                      </del> | }       |             |     | _           |                     | $\dashv$ | $\dashv$     | $\dashv$  | +        | +-       |
| 4   Q   54   104   105     5   5   55   105   106   107   106   107   106   107   106   107   106   107   107   108   108   109   100   100    100  |         |  |        |              |   | 1       |             |     |             |                     | -        | $\dashv$     | -   | -+       |          |
| 55  |         |  |        |              |   |         |             |     | _           |                     | 7        | +            | _   | $\dashv$ | +        |
| 6   V   | 5 🗸     |  |        |              |   |         |             |     |             | П                   | 寸        | $\dashv$     | 寸   | _        | $\dashv$ |
| 107   108   109   109   100 | 6       |  | · [    |              |   | ,       |             |     |             | П                   | 寸        | 寸            | 寸   |          | $\top$   |
| 9   |         |  |        |              |   |         |             |     |             | П                   | 丁        | $\neg$       | $\exists$   | $\top$   |          |
| 10  |         |  |        |              |   | _[      |             |     |             |                     |          |              |   |          |          |
| 11  |         |  |        |              |   | 1       |             |     |             |                     |          |              |   |          |          |
| 12   V  |         |  | .      |              |   | 4       |             |     |             |                     |          |              |   |          |          |
| 13   V  |         | <del>                                     </del> | -      |              | <del></del>                                       | 1       |             |     | -           | Ш                   | _        | _            |   |          | 4-       |
| 14   V  |         | <del>                                     </del> | -      |              | <del>┋</del>                                      | -       |             |     |             | Н                   | 4        | 4            | _   | 4        | 4-       |
| 15 0  |         |  | × .    |              |   |         |             |     |             | $\vdash \downarrow$ | _        | _            | _   | 4        | +        |
| 16  |         | <del>                                     </del> | -      |              |   | -       |             |     | +           | $\vdash \vdash$     | -        |              |   | -        | +        |
| 17  |         |  | ୍ଷ୍ୟ   |              | <del>                                      </del> | $\cdot$ |             |     | -           | H                   | -        | $\dashv$     | -+  | +        | - -      |
| 18   \( \forall \)  |         | <del>                                     </del> |        |              |   | Ę.      | $\dashv$    |     |             | H                   | $\dashv$ | $\dashv$     | $\dashv$  | +        | +        |
| 19  |         |  | Ŀŀ     |              | <del>                                     </del>  |         |             |     | _           | H                   | +        | $\dashv$     | -+  | +        | +        |
| 120   |         |  | -      |              | <del>                                      </del> | 1       |             |     | +           | $\vdash$            | $\dashv$ | $\dashv$     | $\dashv$  | +        | +        |
| 21   7     22   73     23   123     24   124     25   125     26   76     27   127     28   78     29   79     30   129     30   81     31   81     32   131     33   83     34   84     35   85     36   86     37   134     38   88     39   89     40   90     41   91     42   92     43   94     44   144     45   96     46   97     47   145     96   146     47   98     48   99     149   149  |         |  | ŀ      |              |   | ौ       |             |     | <del></del> | $\vdash$            | -        | $\dashv$     | -+  | +        | -        |
| 22     3     122     123     123     124     124     124     124     124     125     125     125     125     126     126     126     126     126     127     127     127     127     127     127     127     128     128     129     129     129     129     130     130     130     130     130     131     131     131     132     133     133     133     133     133     133     133     133     133     133     134     134     134     134     134     134     134     134     134     134     135     135     135     136     135     136     137     137     137     137     137     137     138     138     138     138     138     138     138     138     138     139     140     140     140     140     140     141     142     142     142     143     144     144     144     144  |         |  | . F    |              |   |         |             |     |             | H                   | $\dashv$ | -+           | $\dashv$  | +        | +-       |
| 23   123   123   124   124   125   125   125   126   126   126   126   126   126   126   126   127   127   128   128   129   129   129   129   130   130   130   131   130   131   131   132   133   133   133   133   133   133   133   133   133   133   133   133   133   134   134   134   134   134   134   134   134   134   134   134   133   133   133   133   133   133   134   134   134   134   134   134   134   134   134   134   134   135   135   136   137   137   137   137   137   137   137   137   137   138   138   139   140   140   141   141   141   141   141   141   141   141   142   142   143   144   144   144   144   144   14   |         |  |        |              |   |         |             | 122 | $\dashv$    | H                   | 十        | $\dashv$     | 十   | $\dashv$ | ╅        |
| 24   74   124   125     26   76   125   126     27   77   127   127     28   78   128   129     30   80   130   130     31   81   131   131     32   82   132   132     33   83   133   134     35   85   135   136     37   86   136   137     38   88   138   138     39   90   140   90     41   91   141   141     42   92   142   142     43   94   144   144     45   96   145   145     46   96   146   147     48   98   148   148     49   99   149   149  | 23      |  | ि      |              | 11  | : "     |             | 123 | $\top$      | $\Box$              | 寸        | $\dashv$     | $\dashv$  | $\neg$   | 十        |
| 26   76   126     27   127     28   78   128     29   129     30   80   130     31   81   131     32   83   132     33   83   133     34   84   134     35   85   135     36   86   136     37   87   137     38   88   138     39   88   139     40   90   140     41   91   141     42   92   142     43   93   142     93   144   144     45   96   146     47   97   147     48   98   148     49   99   149  |         |  | . [    |              |   |         |             | 124 |             | П                   | $\neg$   |              | $\neg$  | T        | 丁        |
| 27   127   127   128   128   128   128   128   129   129   129   130   130   130   130   131   131   131   131   131   131   132   133   133   133   133   133   133   133   133   133   133   133   133   133   133   133   133   134   134   134   134   134   135   136   135   136   135   136   137   137   137   137   137   137   138   138   138   138   139   140   140   141   141   141   142   142   142   143   144   144   144   144   144   144   144   144   144   144   144   145   146   146   147   147   148   148   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   149   14   |         |  |        |              |   |         |             |     |             |                     | $\Box$   |              |   |          | $\top$   |
| 28   78   128     29   129     30   80   130     31   81   131     32   83   132     33   83   133     34   84   134     35   85   135     36   86   136     37   87   137     38   88   138     39   89   139     40   90   140     41   91   141     42   92   142     43   93   143     44   94   144     45   96   146     47   98   148     49   99   149  |         |  |        |              |   |         |             | 126 |             |                     | $\Box$   |              |   |          |          |
| 29   79   129     30   130   130     31   81   131     32   83   132     33   83   133     34   84   134     35   85   135     36   86   136     37   87   137     38   88   138     39   88   138     40   90   140     41   91   141     42   92   142     43   93   143     44   94   94     44   94   144     45   96   145     46   96   146     47   97   147     48   98   148     49   99   149   |         |  |        |              |   | 7       |             |     |             |                     | $\perp$  |              | _   |          | $\perp$  |
| 30   31   31   31   32   33   33   33   34   33   34   34   35   35   36   37   36   37   38   38   39 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>128</td><td></td><td></td><td>4</td><td>4</td><td>4</td><td></td><td></td></td<>  |         |  |        |              |   |         |             | 128 |             |                     | 4        | 4            | 4   |          |          |
| 31   81   131   132     32   83   132   133     34   84   134   135     35   86   135   136     37   87   137   137     38   88   138   138     39   89   139   139     40   90   140   141     41   91   141   141     42   92   142   142     43   93   143   144     44   94   144   145     45   96   146   147     48   98   148   148     49   99   149   149   |         |  | 1      |              |   |         |             |     |             | $\dashv$            | 4        | 4            | _   | _        | $\bot$   |
| 32 82   33 132   34 133   35 85   36 136   37 86   38 136   39 88   40 90   41 91   42 92   43 94   44 94   45 96   48 98   49 99   148 149   |         | <del>                                     </del> | . F    |              |   | H       |             |     |             | $\dashv$            | $\dashv$ |              | 4   | -        | +-       |
| 33   133   134     34   134   134     35   85   135     36   136   137     38   86   136     39   88   138     40   90   140     41   91   141     42   92   142     43   93   143     44   94   144     45   95   145     46   96   146     47   97   147     48   99   149  |         |  | ŀ      |              | <del></del>                                       | -       |             | 131 |             | $\dashv$            | -        | +            | -   | +        | +-       |
| 34   35   134   135   135   135   136   136   137   137   137   137   137   138   138   138   138   139   139   140   140   140   141   141   141   141   141   141   142   142   142   143   144   144   144   144   144   145   145   146   147   148   148   148   149   |         | <del>                                     </del> | F      |              | <del>╏═╏┈╏┈╏┈╏┈╏</del> ┈                          | ŀ       |             |     |             | $\dashv$            | -        | +            | -   | +        | +-       |
| 35   36   37   38   136   37   38   39   137   38   39   138   39   139     |         |  | -      |              | <del>                                     </del>  | 1       | -+          |     |             | $\vdash$            | +        | -            | -   |          | +-       |
| 36   37   136   137   137   137   138   138   138   138   139   139   139   140   140   141   141   141   141   141   141   141   141   142   142   142   143   143   144   144   144   144   144   145   145   146   147   147   147   148   148   149   |         |  | .      |              |   | ŀ       |             |     | -           | -                   | $\dashv$ | -            | $\dashv$  | +        | +        |
| 37   88   137     38   90   139     40   90   140     41   91   141     42   92   142     43   93   143     44   94   144     45   95   145     46   96   146     47   97   147     48   98   148     49   99   149   |         |  | ·      |              |   |         | <del></del> | 136 | $\vdash$    | $\forall$           | +        | $\dashv$     | +   | +        | +        |
| 38   138     39   139     40   90     41   91     42   92     43   93     44   94     45   95     46   96     47   97     48   98     49   149  | 37      |  | ı      |              |   | 1       | $\neg$      |     | $\dashv$    | $\dashv$            | _        | 寸            | $\top$  | +        | +-       |
| 39   89   139     40   90   140     41   91   141     42   92   142     43   93   143     44   94   144     45   95   145     46   96   146     47   97   147     48   98   148     49   99   149   |         |  |        |              |   | ऻ       |             |     | $\neg$      | $\top$              | 7        | ┪            | 7   | $\top$   | +        |
| 41 91   42 92   43 93   44 94   45 95   46 96   47 97   48 98   49 149  |         |  |        |              |   |         |             |     |             | П                   | 7        | 寸            | $\neg$  | $\neg$   | $\top$   |
| 42 92 142   43 93 143   44 94 144   95 145   46 96 146   47 97 147   48 98 148   49 99 149  |         |  |        |              |   |         |             | 140 |             |                     |          |              |   |          | 1        |
| 43 93   44 94   45 95   46 96   47 97   48 98   49 99   | 41      |  | $\Box$ | 91           | £:  |         |             | 141 |             |                     | $\Box$   | $\Box$       | $oldsymbol{ol}}}}}}}}}}}}}} $ |          |          |
| 44 94   45 95   46 96   47 97   48 98   49 149  |         |  |        |              |   |         | I           |     |             | $\Box$              | $\bot$   | $\perp$      | $\Box$  | $\bot$   | $\bot$   |
| 45 95   46 96   47 97   48 98   49 148   99 149   | 43      | + + + - + -                                      | L      |              | <del></del>                                       | 1       |             | 143 |             | $\sqcup$            | _        | $\perp$      |   | $\perp$  |          |
| 46 96   47 97   48 98   49 148  | 44      | <del>┞╶╏┈╏</del>                                 | ŀ      |              | <del>                                     </del>  | ٠.      |             | 144 |             | $\sqcup$            | $\perp$  | $\downarrow$ | _   | _        | $\bot$   |
| 47 97   48 98   49 148   99 149   |         | ╂╌╂╼┼╾┼╌┤  | F      |              | <del></del>                                       | -       |             |     |             | $\sqcup$            | $\dashv$ | -1           | _   | 4        | 4        |
| 48 98   49 148   149 149  | 40      | <del></del>                                      | ŀ      |              | <del>├─├─├─├─├─</del> ┤ <sub>┈</sub>              | ŀ       |             | 146 | $\dashv$    | -                   |          | 4            | -   | +        | 4-       |
| 49 99 149 149   |         | <del> - - - - </del> -                           | ŀ      |              | <del>╒╒┋┋┋</del>                                  | P       |             |     | $\dashv$    |                     | $\dashv$ |              | +   | +        |          |
|   | 49      |  | ŀ      |              | <del>╒╒┋┋┋</del>                                  |         |             |     |             | $\vdash$            | $\dashv$ | -            | +   | - -      |          |
|   |         |  | : -    | 100          |   | -       |             | 150 | $\dashv$    | $\dashv$            | +        | +            | ┰   | +        | +        |